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DOCKET NO.: 4778

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE MATTER OF THE APPLICATION FOR PATENT

OF: Fabio P. BERTOLOTTI

| ART UNIT: 3644

SERIAL NO.: 10/511,930

| CONF. NO.: 2527

FILED: October 18, 2004

FOR: PERFORATED SKIN STRUCTURE FOR LAMINAR-FLOW SYSTEMS

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

July 1, 2005

INFORMATION DISCLOSURE STATEMENT WITH CERTIFICATE OF MAILING

Dear Sir:

- 1) Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98 applicant encloses a Form PTO-1449, copies of references AN to AT cited thereon, and a copy of the International Search Report issued in the corresponding PCT International Application PCT/US03/12008 on November 25, 2003. Copies of references AA to AM are not (and need not be) enclosed, because they have been transmitted to the USPTO by the International Searching Authority in the International processing of this PCT application.
- 2) This Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits according to the available status information. Thus, in accordance with 37 C.F.R. 1.97(b)(3), no fee is due.
- 3) References AA to AT are in English. References AE, AG, AH, AI, AK and AM have been discussed at page 2 of the present specification. References AN, AO, AP and AQ have been discussed at pages 3 and 4 of the present specification. Therefore no further discussion of the references is necessary.

- 4) Moreover, the enclosed Search Report indicates the degree of relevance of each of the references AA to AD and AJ to AL by category ("Y" means relevant to obviousness when combined with another reference; and "A" means technological background). Thereby a concise explanation of the relevance has been provided (see MPEP §609).
- 5) The Examiner is requested to consider all references of record, return an initialed copy of the enclosed Form PTO-1449 and ensure that all references of record are printed on any patent issuing from this application.
- 6) Favorable consideration and allowance of claims 1 to 31 are respectfully requested.

Respectfully submitted,
Airbus Deutschland GmbH
Assignee

WFF:ks/4778
Enclosures:
postcard,
Form PTO-1449,
7 references,
copy of Int. Search Report

By Walter F. Fasse
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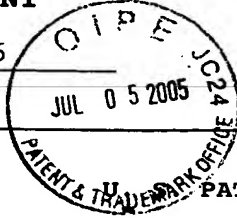
CERTIFICATE OF MAILING:

I hereby certify that this correspondence with all indicated enclosures is being deposited with the U. S. Postal Service with sufficient postage as first-class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

M. Hellwig-Hill, July 1, 05
Name: M. Hellwig-Hill - Date: July 1, 2005

Sheet 1 of 3
FIRST IDS LIST OF REFERENCES
CITED BY APPLICANT
(FORM PTO-1449)

DATED: July 1, 2005



Atty. Docket No.
4778/PCT

Serial No.:
10/511,930

Applicant: Fabio P. BERTOLOTTI

U.S. Filing Date:
October 18, 2004

Art Unit:
3644

PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	Cl.	Sub- Cl.	Fil. Date
	AA	2,833,492	05/1958	Fowler	-	-	-
	AB	3,203,648	08/1965	Vanesian	-	-	-
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	AM	6,415,510	07/2002	Mertens et al.	-	-	-

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	Cl.	Sub- Cl.	Trans.	
							Yes	No

OTHER DOCUMENTS

EXAMINER	DATE CONSIDERED	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 3 FIRST IDS LIST OF REFERENCES CITED BY APPLICANT (FORM PTO-1449) DATED: July 1, 2005					Atty. Docket No. 4778/PCT		Serial No.: 10/511,930	
					Applicant: Fabio P. BERTOLOTTI			
					U.S. Filing Date: October 18, 2004		Art Unit: 3644	
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							Yes	No
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	AN	H. Bippes, "Basic Experiments on Transition in Three-Dimensional Boundary-Layers Dominated by Crossflow Instability", Progress in Aerospace Sciences 35, pgs. 363-412, 1999.						
	AO	D. Arnal et al., "Influence of Surface Roughness and of Suction on the Receptivity of a Swept-Wing Boundary Layer", in Laminar-Turbulent Transition proceedings, IUTAM Symposium, Sedona AZ, Sept. 13-17, 1999, pgs. 589-594, published by Springer Verlag, H. Hasel (Ed.), 2000.						
	AP	P. Wassermann et al., "DNS-Investigations of the Development and Control of Cross Flow Vortices in a 3-D Boundary-Layer Flow", in Laminar-Turbulent Transition proceedings, IUTAM Symposium, Sedona AZ, Sep. 13-17, 1999; pgs. 565 to 570, published by Springer Verlag, H. Hasel (Ed.), 2000.						
	AQ	F. P. Bertolotti, "Receptivity of Three-Dimensional Boundary-Layers to Localized Wall Roughness and Suction", Phys. Fluids, Vol. 12, Number 7, pg. 1799-1809, July 2000.						
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Sheet 3 of 3 FIRST IDS LIST OF REFERENCES CITED BY APPLICANT (FORM PTO-1449) DATED: July 1, 2005					Atty. Docket No. 4778/PCT		Serial No.: 10/511,930	
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		DOCUMENT NO.	DATE	COUNTRY	Cl.	Sub- Cl.	Trans.	
							Yes	No
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	AS	R. Messing et al., "Effects of Suction Through Arrays of Holes on a 3-D Boundary Layer Investigated by Spatial Direct Numerical Simulation", Institut fuer Aerodynamik und Gasdynamik, University Stuttgart, Stuttgart, Germany; in Laminar-Turbulent Transition proceedings, IUTAM Symposium, Sedona AZ, September 13-17, 1999; pgs. 235-240, published by Springer Verlag, H. Hasel (Ed.), 2000.						
	AT	C. Abegg et al., "Stabilization of Boundary-Layer Flows Subject to Crossflow Instability with the Aid of Suction", DLR, Institute of Fluid Mechanics, Goettingen, Germany, in Laminar-Turbulent Transition proceedings, IUTAM Symposium, Sedona AZ, September 13-17, 1999; pgs. 607 to 612, published by Springer Verlag, H. Hasel (Ed.) 2000.						
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